

Product Datasheet

CRISPR-Cas9 Antibody - BSA Free NBP2-66379

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-66379**CRISPR-Cas9 Antibody - BSA Free**

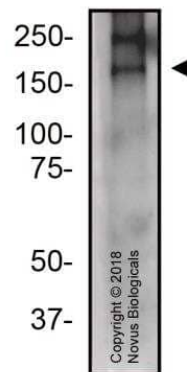
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	158.4 kDa

Product Description	
Host	Rabbit
Gene ID	901176
Species	Bacteria
Specificity/Sensitivity	This CRISPR-Cas9 antibody is specific to Cas9 protein from <i>Streptococcus pyogenes</i> serotype M1.
Immunogen	This CRISPR-Cas9 antibody was raised against full length <i>S. pyogenes</i> Cas9 protein [UniProt Q99ZW2]

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 2 ug/ml

Images

Western Blot: CRISPR-Cas9 Antibody [NBP2-66379] - Total protein from Cas9 transfected Hek293T cells was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-Cas9 in block buffer and detected with an anti-rabbit HRP secondary antibody using chemiluminescence. Expected molecular weight: 158.4 kDa.



Procedures

Western Blot protocol for CRISPR-Cas9 Antibody (NBP2-66379)

CRISPR-Cas9 Antibody:

Western Blot Protocol

1. Perform SDS-PAGE on samples to be analyzed, loading 10 ug of total protein per lane.
2. Transfer proteins to PVDF membrane according to the instructions provided by the manufacturer of the membrane and transfer apparatus.
3. Stain the membrane with Ponceau S (or similar product) to assess transfer success, and mark molecular weight standards where appropriate.
4. Rinse the blot TBS -0.05% Tween 20 (TBST).
5. Block the membrane in 5% Non-fat milk in TBST (blocking buffer) for at least 1 hour.
6. Wash the membrane in TBST three times for 10 minutes each.
7. Dilute anti-CRISPR-Cas9 primary antibody in blocking buffer and incubate overnight at 4C with gentle rocking.
8. Wash the membrane in TBST three times for 10 minutes each.
9. Incubate the membrane in diluted HRP conjugated secondary antibody in blocking buffer (as per manufacturer's instructions) for 1 hour at room temperature.
10. Wash the blot in TBST three times for 10 minutes each (this step can be repeated as required to reduce background).
11. Apply the detection reagent of choice in accordance with the manufacturers instructions.





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Products Related to NBP2-66379

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52986	CRISPR-Cas9 Antibody Pack

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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